Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. **(Currently Amended)** A device for controlling fluid using surface tension of the fluid, comprising:

at least one storage chamber to which a fluid is injected and stored;

at least one reaction chamber in which a predetermined reaction occurs on the fluid;

at least one exhaust chamber in which fluid used as a result of the reaction ~~the used fluid~~ is exhausted;

a first stop valve located between the at least one storage chamber and the at least one reaction chamber;

a second stop valve located between the at least one reaction chamber and the at least one exhaust chamber;

at least one side connecting channel which connects the first stop valve to the second stop ~~valve;~~valve, wherein the stop valves stop the flow of the fluid using the surface tension of the fluid and the flow through the connecting channel opens the stop ~~valve~~valves;

at least one flow delay part ~~which is~~ formed within said side connecting channel and delays flow of the fluid by the surface tension of the fluid; and

wherein said fluid moves from said storage chamber to said reaction chamber and exhaust chamber by means of surface tension and a different fluid replaces the fluid~~while replacement of the fluid with a different fluid naturally occurs~~ in said reaction chamber.

2. **(Currently Amended)** The device as claimed in claim 1, wherein said at least one storage chamber includes a fluid inlet ~~into which the fluid can be injected~~operable to receive the fluid.

3. **(Currently Amended)** The device as claimed in claim 1, wherein said at least one side connecting channel adjusts the surface tension by at least one of increasing ~~or decreasing~~ a width of the path, decreasing a width of the path, ~~or by~~and performing surface

modification or temperature change so that the fluid reliably moves.

4. (**Currently Amended**) The device as claimed in claim 1, wherein said stop valves adjust the surface tension by ~~having~~at least one of a hydrophilic or hydrophobic property on a channel surface of the valve, deforming the channel geometry, ~~or changing~~and changing a temperature of the channel surface of the valve.

5. (**Currently Amended**) The device as claimed in claim 1, wherein said at least one flow delay part adjusts the surface tension by ~~having~~ at least one of a hydrophilic or hydrophobic property on a channel surface of the valve, deforming the channel geometry, ~~or changing~~and changing a temperature of the channel surface of the valve.

6. (**Currently Amended**) The device as claimed in claim 1, wherein said at least one exhaust chamber includes a structure ~~which keeps~~that smoothes the flow of the fluid ~~smooth~~ by increasing the surface tension, ~~and makes the~~ making a preceding portion of the fluid uniform when the fluid flows, ~~to prevent~~ thereby preventing fine air bubbles from ~~being occurred~~occurring.

7. (**Currently Amended**) The device as claimed in claim 1, wherein said at least one side connecting channel includes an isolation threshold ~~to prevent~~preventing reactants among a plurality of said reaction chambers from diffusing.

8. (**Currently Amended**) The device as claimed in claim 1, wherein said at least one reaction chamber ~~has~~ comprises at least one electrode on ~~the wall~~a wall of the reaction chamber, the electrode configured for optical and electrochemical detection.

9. (Previously Presented) A device for controlling fluid using surface tension of the fluid, comprising:

at least two devices according to claim 1 connected in series.

10. (Previously Presented) A device for controlling fluid using surface tension of the fluid, comprising:

at least two devices according to claim 1 connected in parallel.

11. (Previously Presented) The device of claim 1, further comprising a filter.

12. (Previously Presented) The device of claim 1, further comprising at least one sample preparation chamber.

13. (Previously Presented) The device of claim 1, further comprising at least one air vent.

14. (Previously Presented) A drug delivery device comprising the device of claim 1.

15. (Previously Presented) A biochip comprising the device of claim 1.

16. (Previously Presented) A micro biological/chemical reactor comprising the device of claim 1.

17. (Canceled).